FLOOR PLAN ——— LIGHTING

SCALE: 1/8" = 1'-0"

SYMBOL LIST

- LIGHT OUTLET AT CEILING WITH INCANDESCENT FIXTURES - SEE LIGHTING FIXTURE DETAIL DRAWING.
- LIGHT OUTLET ON WALL WITH INCANDESCENT FIXTURES - SEE LIGHTING FIXTURE DETAIL DRAWING.
- LIGHT OUTLET AT CEILING WITH FLUORESCENT FIXTURES - SEE LIGHTING FIXTURE DETAIL DRAWING.
- EXIT LIGHT, FLUSH, SURFACE OR PENDANT, WITH OR WITHOUT ARROWS SEE LIGHTING FIXTURE DETAIL DRAWING.
- S — SINGLE POLE TOGGLE SWITCH 20 TO HUBBELL #1221, 20 & 1/2 #1291 OR P.S. #5221 MOUNTED IN FLUSH OUTLET BOX 4'-0" A.F.
- S3 — THREE WAY TOGGLE SWITCH 20 TO HUBBELL #1223, 20 & 1/2 #1293 OR P.S. #5223. 4'-0" A.F.
- S4 — FOUR WAY TOGGLE SWITCH 20 TO HUBBELL #1224, 20 & 1/2 #1294 OR P.S. #5224. 4'-0" A.F.
- DUPLEX RECEPTACLE, GROUNDING TYPE WITH PARALLEL SLOTS MTD. 20" A.F. NEMA 5-20 R.
- DUPLEX RECEPTACLE, GROUNDING TYPE WITH GROUND FAULT INDICATOR. CONTRACTOR TO PIGTAIL WIRE RECEPTACLES (NOT SERIES WIRED-NO FEED THRU) P & F #5311-F OR APPROVED EQ. MT. 4'-0" A.F.
- WP — SAME AS ⊕ BUT WITH WEATHERPROOF COVER MOUNTED 2'-0" ABOVE GRADE.
- XP — DELAYED ACTION CIRCUIT BREAKING TYPE EXPLOSION PROOF 20 A. 2 WIRE SINGLE RECEPTACLE WITH MATCHING PLUG. MTD 4'-0" A.F. CROUSE-HINDS CPS 192 SERIES, APPLETON, CRAMER OR EQ.
- 30 A. 3 WIRE, 250 VOLT RECEPTACLE WITH MATCHING PLUG. MTD. 4'-0 A.F. - NEMA 5-30R
- WP — SAME AS ⊕ BUT MOUNTED IN A WEATHERPROOF ENCLOSURE. MTD. 2'-0" ABOVE GRADE.
- XP — SAME AS ⊕ BUT DELAYED ACTION CIRCUIT BREAKING TYPE EXPLOSION PROOF RECEPTACLE WITH MATCHING PLUG MTD. 4'-0" A.F. CROUSE HINDS CPS 192 SERIES, APPLETON, CRAMER OR EQ.
- E — MANUAL FIRE ALARM PULL STATION MTD 5'-0" A.F. W/ INDICATOR EXPLOSION PROOF STATION - SEE SPECS
- F — WP — AUDIO/VISUAL FIRE ALARM HORN MTD 7'-0" A.F. W/ INDICATOR WEATHERPROOF HORN UNIT - SEE SPECS.
- WP F.T. — CEILING MOUNTED FIRE DETECTOR. F.T. INDICATES A FIXED TEMPERATURE TYPE, X/P INDICATES EXPLOSION PROOF TYPE, SEE SPECS
- M — FUTURE INTERCOM MASTER STATION LOCATION, DESK TYPE. - SEE RISER DIAG.
- R — FUTURE REMOTE INTERCOM STATION LOCATION FLUSH WALL MOUNTED 4" SQ. J.B. & BLANK COVER 5'-0" A.F. - SEE RISER DIAG.
- XP — FUTURE EXPLOSION PROOF INTERCOM SPEAKER LOCATION, FLUSH WALL MOUNTED 2 G. CONDUIT WITH BLANK COVER 7'-0" A.F. - SEE RISER DIAG.
- WP — DOUBLE REMOTE EMERGENCY LIGHTING UNIT MOUNTED ON 4" ROUND OUTLET BOX ATTACHED TO BOTTOM OF STEEL ROOF TRUSS, SEE LIGHTING FIXTURE DETAIL DRAWING. X/P INDICATES EXPLOSION PROOF.
- SINGLE REMOTE EMERGENCY LIGHTING UNIT - SEE LIGHTING FIXTURE DETAIL DRAWING.
- Sx — EXPLOSION PROOF SINGLE POLE SWITCH - CROUSE HINDS EFS SERIES APPLETON, CRAMER OR APPROVED EQUAL.
- TELEPHONE OUTLET CONSISTING OF 4" SQ. BOX, 2 GANG RAISED COVER & TELEPHONE PLATE. 20" A.F. SEE SPECS. & NOTE #10
- W — SAME AS ▶ BUT WALL MOUNTED 5'-0" A.F. SEE SPECS
- MOTOR, SIZE AS INDICATED.
- MOTOR STARTER.
- SAFETY SWITCH, SIZE & TYPE AS NOTED.
- CEILING MOUNTED STATIC DISCHARGE GROUNDING REEL, 50' OF RUBBER COVERED #14 STRANDED COPPER CABLE WITH RUBBER INSULATED ALLIGATOR CLAMP.
- CEILING MOUNTED REEL LIGHT WITH EXPLOSION PROOF PORTABLE HAND LAMP. SEE LIGHTING FIXTURE DETAIL DRAWING.
- FLUSH, BRONZE, FLOOR GROUND RECEPTACLE - SEE DETAIL.
- —G— 1-#2/0 BARE STRANDED COPPER WIRE FOR STATIC GROUND SYSTEM. SEE DETAIL.
- EM — WALL MOUNTED, 24 VOLT EMERGENCY BATTERY UNIT 901 WATTS FOR 1½ HR. CAPACITY, SEE SPECS.
- —X— EXPLOSION PROOF SEALING FITTING AS REQUIRED BY THE NATIONAL ELECTRIC CODE.
- X/P — EXPLOSION PROOF INTERCOM CALL-IN MUSHROOM TYPE PUSH BUTTON LOCATION 5'-0" A.F. TO ℄ SEE RISER DIAG.
- X/P — EXPLOSION PROOF START / STOP SWITCH WITH LOCKOUT. CROUSE-HINDS EDS SERIES, APPLETON OR EQUAL.
- —#8— EMERGENCY WIRING IN CONDUIT NUMBER INDICATES SIZE OF 2 CONDUCTORS TO BE INSTALLED. CONDUIT TO BE SIZED AS PER THE NATIONAL ELECTRIC CODE
- SAME AS ⊕ EXCEPT WITH HEAVY DUTY OUTLET BOX CONTAINING GROUND FAULT RECEPTACLE SAME AS ⊕
- FLUSH MOUNTED CLOCK OUTLET 8'-0" A.F. TO ℄ NEMA 5-20 R
- CONDUIT RUN CONCEALED IN WALLS OR CEILINGS, STUBBED DOWN NUMBER OF #12 THW WIRES TO BE INSTALLED.
- CONDUIT RUN CONCEALED UNDER FLOOR OR UNDER GROUND.
- CONDUIT RUN EXPOSED.
- SMXP — MOTOR RATED EXPLOSION PROOF SWITCH CROUSE HINDS EFSC SERIES, APPLETON, RUSSELL-STOLL OR APPROVED EQUAL.
- XP T — THERMOSTAT X/P DENOTES EXPLOSION PROOF, MT. APPROX. 5'-0" A.F.
- SMX2 — TWO POLE EXPLOSION PROOF SWITCH CROUSE HINDS EDS SERIES, APPLETON, KILLARK OR APPROVED EQUAL.
- PS — SPRINKLER FLOW SWITCH
- PE — PHOTO ELECTRIC CELL, WEATHERPROOF, HEAVY DUTY, COMPACT SIZE, 1800 WATT, 120 VOLT, WALL MOUNTED AT ROOF LINE
- 4" VIBRATING TYPE BELL, WALL MOUNTED 7'-0" A.F. 120 VOLT.
- P — WEATHERPROOF PUSHBUTTON, HEAVY DIE CAST HOUSING DRILLED & TAPPED FOR 1/2" CONDUIT.
- A — AQUASTAT.
- SOL — MOTOR RATED TOGGLE SWITCH WITH OVERLOAD EQ. TO A&H SL-11, SQ. D "FA-1 OR G.E. CR101-91
- SOLWP — WEATHERPROOF MOTOR RATED TOGGLE SWITCH EQUAL TO A&H SL-11 WP, SQ.D. "FA-1 WP OR G.E CR101-91 WP
- TV — TELEVISION OUTLET CONSISTING OF 4" SQ. BOX, 1 GANG RAISED COVER & TELEVISION PLATE. 20" A.F. (WIRING BY OWNER) SEE NOTE #10
- SURFACE METAL RACEWAY FURNISH COMPLETE INCLUDING REQUIRED WIRING WALL MTD 48" A.F. 1 7/8" X 3/4" WITH NEMA 5-20R RECEPTACLES 20" A.F. WIRE RECEPTACLES ON ALTERNATE CIRCUITS.
- S — DUCT SMOKE DETECTOR - SEE SPEC'S
- 30A 120V RECEPTACLE MT'D 20" A.F. NEMA 5-20R
- PANELBOARD - SEE PANELBOARD SCHEDULE FOR DESCRIPTION
- H — SAME AS ◀ EXCEPT MT'D. 42" A.F. OR ABOVE COUNTER BACKSPLASH SEE NOTE #10
- PB — RAISE/LOWER/STOP PUSH BUTTON STATION 5'-0" A.F.
- PB X/P — SAME AS ABOVE BUT EXPLOSION/PROOF.

GENERAL NOTES

1. THESE DRAWINGS ARE NOT TO BE USED FOR ARCHITECTURAL OR STRUCTURAL DIMENSIONS. REFER TO RESPECTIVE DRAWINGS.
2. ALL CONDUIT RUNS TO BE CONCEALED IN ALL FINISHED AREAS AND ELSEWHERE WHERE POSSIBLE EVEN IF RUN HAS TO BE RELOCATED TO ACCOMPLISH THIS.
3. ALL CONDUIT TO BE ELECTRIC METALLIC TUBING EXCEPT WHERE RUN IN EARTH, CONCRETE, OUTSIDE OR DAMP LOCATIONS & EXPLOSIONPROOF AREAS WHERE IT SHALL BE THICKWALLED THREADED GALVANIZED CONDUIT OR AS OTHERWISE NOTED.
4. WHERE CONDUIT IS INSTALLED EXPOSED IN UNFINISHED AREAS, CONTRACTOR IS TO TAKE PAINS AVOIDING INTERFERENCES, RUNNING IN STRAIGHT LINES CONFORMING TO CEILINGS & PARALLEL TO WALLS.
5. THE CONTRACTOR SHALL EXAMINE THE UNDERLYING EXISTING CONDITIONS AND ALL OBSTACLES TO BE ENCOUNTERED AND INCLUDE THEM IN HIS BID.
6. ALL CONDUCTORS TO BE #12 GA. THW, 600 VOLT INSULATION COPPER UNLESS OTHERWISE NOTED ON THE DRAWINGS.
7. ALL OUTLET BOXES TO BE GALVANIZED 4" SQUARE WITH PROPER RAISED COVERS TO MATCH FINISH LINE FOR WALL OUTLETS AND 4" OCTAGONS WITH STUD RING FLASHED RING WHERE REQUIRED FOR CEILING OUTLETS.
8. ALL OUTLETS TO BE CENTERED IN PANELING OR OTHER ARCHITECTURAL REASONS. LOCATIONS ON PLANS ARE APPROXIMATE.
9. WORK SHOWN ON THESE DRAWINGS IS SUBJECT TO ACTUAL FIELD CONDITIONS. CONTRACTOR IS TO VERIFY ALL DIMENSIONS & EQUIPMENT ON EXISTING STRUCTURE & CHECK PROPOSED LOCATIONS OF ALL EQUIPMENT CALLED FOR BY ALL TRADES AND AVOID INTERFERENCES.
10. FROM EACH TELEPHONE & T.V. OUTLET STUB ONE 3/4" EMPTY CONDUIT UP INTO SUSPENDED CEILING AREA & BUSH.
11. ALL EQUIPMENT, FIXTURES, WIRING RUNS IN THIS AREA SHALL BE INSTALLED AS REQUIRED BY THE NATIONAL ELECTRIC CODE - HAZARDOUS LOCATION AS CLASSIFIED. PROVIDE ALL SEALING FITTINGS, OUTLET BOXES, AND ACCESSORIES REQUIRED FOR A COMPLETE EXPLOSION PROOF SYSTEM.
12. CONTRACTOR SHALL DISCONNECT & REMOVE ALL EXISTING FIXTURES, WIRING DEVICES, JUNCTION BOXES, TRANSFORMERS, SERVICE ENTRANCE DROP (?), SERVICE ENTRANCE EQUIPMENT, CONDUIT, WIRE, ETC. EXISTING BUILDING TO BE STRIPPED COMPLETELY OF ALL ELECTRICAL COMPONENTS. CONTRACTOR SHALL ALSO NOTIFY AND COOPERATE WITH THE TELEPHONE CO. TO REMOVE THEIR EQUIPMENT & WIRING

GRAPHIC SCALES

[redacted]

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